Dual Horns Troubleshooting - New Beetle

CHECKING DUAL HORNS

NOTE: If only one horn works, check the wiring to the inoperative horn first. See appropriate SYSTEM WIRING DIAGRAMS article.

REQUIRED FOR TROUBLESHOOTING:

- Electrical Circuit Tester VW1466
- Valid wiring diagram

NOTE: Before starting troubleshooting, battery negative terminal (-) must be securely tightened.

PREREQUISITE:

- S240 Fuse 40 (20A) OK

PREPARATION:

- Remove lower instrument panel cover. See **COVER IN DRIVER'S FOOT WELL, REMOVING AND INS** .
- Remove dual horn relay J4 (production control number 204) from relay location 1
- Insert test adapter VW1466/3 into relay location 1
- Connect VW 1466 to test adapter

TROUBLESHOOTING PROCEDURE:

- Perform test steps according to **Dual Horn Test Table** .
- If specified value/test result is obtained, proceed to next step (test result OK)
- If specified value/test result is not obtained, use **Possible Causes If Specified Value/Test Result Was Not Obtained** for troubleshooting and repair.
- Use valid wiring diagram for circuit testing
- Disconnect test leads after each step

If malfunction has not been eliminated after performing steps 1 to 3, replace dual horn relay J4! .

After repairing malfunction, perform test on dual horns.

Dual Horn Test Table

Test step:	**1**	**2**	**3**
Check:	Power supply (B+) (terminal 15)	Horn button H	Dual horn H1
Connector assignment VW 1466			
red wire	from 6 to S+	from 4 to S+	from 8 to 2
black wire	from S- to L+	from S- to L+	-
blue wire	from L- to 8	from L- to 6	-
Additional steps:	Switch on ignition	Press horn button H	-
Specified value/test result:	Indicator lamp (L) lights up	Indicator lamp (L) lights up	Dual horn H1 sounds

Possible Causes If Specified Value/Test Result Was Not Obtained

Wiring Relay panel / component or component / component	-	S1/6 to H	S2/2 to H1 S1/4 to S240
or Horn Button H	-	X	-
or Dual horn H1	-	-	X
or Relay panel	X	X	X